

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (currently amended) Shoulder A shoulder or hip prosthesis comprising a humeral or femoral component presenting having a concave articulation surface (S<sub>1</sub>) and an intermediate component presenting first and second convex articulation surfaces (S'<sub>1</sub>)(S'<sub>2</sub>), intended to cooperate cooperatively slide, respectively, with said concave articulation surface of said humeral or femoral component and with a concave glenoid or cotoyloid articulation surface (S<sub>2</sub>), natural or belonging to a glenoid or cotoyloid component, wherein [[the]] a locus of [[the]] instantaneous centres centers of rotation (C<sub>1</sub>) of said first convex articulation surface (S<sub>1</sub>) with respect to the concave humeral or femoral articulation surface (S<sub>1</sub>), and [[the]] a locus of [[the]] instantaneous centres centers of rotation (C<sub>2</sub>) of said second convex articulation surface (S<sub>2</sub>) with respect to said glenoid or cotoyloid articulation surface (S<sub>2</sub>), lie on either side opposite sides of said first convex articulation surface.
2. (currently amended) The prosthesis of Claim 1, wherein said first convex

articulation surface ( $S_1$ ) is located inside a volume defined by said second convex articulation surface ( $S_2$ ).

3. (currently amended) The prosthesis of claim 1, wherein each of said articulation surfaces [[are]] is substantially in [[the]] a form of a portions portion of a sphere.

4. (currently amended) The prosthesis of Claim 1, wherein the first convex articulation surface ( $S_1$ ) and the humeral concave articulation surface ( $S_2$ ) are cylindrical, with rectilinear generatrix and with circular base, with their axis of symmetry substantially antero-posterior with respect to the articulation, while the second convex articulation surface and the glenoid articulation surface are substantially in [[the]] a form of portions of a sphere.

5. (currently amended) The prosthesis of Claim 1, wherein said intermediate component comprises a dish forming said second convex articulation surface, and a button ~~being in one piece with said dish or immobilized therein and within said dish and~~ forming said first convex articulation surface.

6. (currently amended) The prosthesis of Claim 1, wherein said humeral or femoral component comprises includes a plate, forming the concave articulation surface ~~intended to cooperate~~ which cooperatively slides with respect said first

convex articulation surface[ , ] and a part intended to be anchored in the humeral or femoral medullary cavity, said plate being connected to said part by a linking stem.

7. (original) The prosthesis of Claim 6, wherein said plate is of non-circular shape.

8. (withdrawn) The prosthesis of Claim 7, wherein the smallest dimension of said plate is disposed parallel to the sagittal plane (Figures 7 and 10).

9. (withdrawn) The prosthesis of Claim 1, wherein said intermediate component is of substantially bi-convex shape.

10. (currently amended) The prosthesis of Claim 1, wherein it comprises including a glenoid or cotyloid component forming said concave glenoid or cotyloid articular surface.

11. (currently amended) The prosthesis of Claim 1, wherein a part forming said concave articulation surface (S<sub>1</sub>) of said humeral or femoral component is provided, ~~at the level of its part forming said concave articulation surface,~~ with at least one projection adapted to be engaged in a housing notch of corresponding shape ~~made on of~~ said intermediate component.

12. (currently amended) The prosthesis of Claim 1, wherein said intermediate

component ~~comprises~~ includes a washer immobilized in a dish forming said second articulation surface, [[the]] an inner surface of said washer being adapted to limit [[the]] an amplitude of [[the]] relative displacement between said humeral or femoral component and said intermediate component.

13. (withdrawn) The prosthesis of Claim 1, wherein said humeral or femoral component is in two parts and comprises an anchoring stem on which is mounted an element defining said humeral or femoral articulation surface.